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ABSTRACT

A study was conducted of the retention patterns of students enrolled in the Peralta Community College District (PCCD) in fall 1984 using college reports on withdrawals and grade distributions. The study focused on successful retention (i.e., all students who received a passing grade) and on total retention (i.e., all students who received any grade other than "W"). Study highlights included the following: (1) in spite of significant declines in both unduplicated enrollment and total class enrollment between fall 1983 and fall 1984, the rates of successful retention and total retention increased districtwide by 1.4% and 2.3%, respectively; (2) districtwide retention rates for fall 1984 were 70.5% for successful retention and 81.2% for total retention; (3) all five colleges in the district had similar retention rates and all made improvements between 1983 and 1984; (4) the business disciplines continued to have the lowest districtwide successful retention rate at 51.5%; (5) business disciplines' successful retention rate increased by 1.2% and total retention rate increased 2.3%; and (6) grade distribution remained virtually unchanged between fall 1983 and fall 1984. (Author/LAL)

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PERALTA COMMUNITY COLLEGE DISTRICT
Office of Research, Planning and Development

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FALL 1984 RETENTION STUDY

Research Synopsis

This report is the fifth in a series of annual reports on the District's fall retention patterns. The objective of this report is the acquisition and analysis of data pertinent to the retention patterns of students enrolled in the Peralta Community College District (PCCD). Prior to the first report (Fall 1980), the Districtwide Institutional Analysis Working Unit developed a format for organizing the data. The Office of Research, Planning and Development has continued to use that format in subsequent reports.

The classification of instructional areas is by discipline instead of TOP categories. The internal utility of this approach is in the ease with which college personnel are able to identify subject areas. As with prior years' reports, readers are urged to use the data whenever appropriate. Finally, colleges were invited to supply explanations of any unusual retention patterns.

The reader should feel free to contact the Office of Research, Planning and Development if further clarification is needed.

Procedures

The data for this report were gleaned from the Tabulation of Withdrawals Report (SA 387) and the Grade Distribution Report (SA 160). The definitions for the terms in this report remain the same as for prior years' reports. Appendix 1 contains the guidelines and definitions for the terms used to compute retention statistics. However, a brief description of the operational definitions follows:

CW1 Adjusted Enrollment - This term refers to the total enrollment at Census Week 1 (CW1) plus all students who enrolled after CW1 until the end of the semester.

Successful Retention - All students who received a passing grade (A, B, C, D, or CR).

Total Retention - All students who received a grade other than a "W", even if it was not a passing grade. Total retention then refers to students who either received a passing grade (A, B, C, D, or CR) or one of the following grades: F, I, NC, or IP.

JC 860 185

PERALTA COMMUNITY COLLEGE DISTRICT
Office of Research, Planning and Development

FALL 1984 RETENTION STUDY

HIGHLIGHTS

** In spite of significant declines in both unduplicated enrollment (-13.8%) and total class enrollment (-14.5%) between Fall 1983 and Fall 1984, the rates of successful retention and total retention have increased districtwide by 1.4% and 2.3% respectively. The districtwide retention rates for Fall 1984 were 70.5% for successful retention and 81.2% for total retention.

** All of the five colleges in the District have made improvements in their rates of retention, and now all five colleges have about the same retention rates.

** The business discipline, which remains as the discipline with the highest districtwide total enrollment, continues to have the lowest districtwide successful retention rate at 51.5% for disciplines with five or more sections offered. Business disciplines districtwide experienced a 1.2% increase in their successful retention rate, as well as a 2.3% increase in their total retention rate.

** The distribution of grades districtwide has remained virtually unchanged between Fall 1983 and Fall 1984. The only noteable changes have been a 2% decrease in "W" grades, and a 2% increase in credit grades.

Results

TABLE 1
COMPARISON BETWEEN UNDUPLICATED HEADCOUNT AND CLASS ENROLLMENT
AT CENSUS WEEK 1
FALL 1981 TO FALL 1984

	COA		LANEY		MERRITT		VISTA		FRC		DISTRICT	
	N	% Change	N	% Change	N	% Change	N	% Change	N	% Change	N	% Change
Undupl. Enroll.												
F-81	8,071	2.4	12,303	12.8	9,766	(1.0)	10,290	(5.0)	1,272	(1.0)	41,702	2.3
F-82	6,156	(23.7)	13,268	7.3	8,951	(8.3)	9,220	(10.4)	1,068	(16.0)	38,168	(8.5)
F-83	5,989	(2.7)	11,676	(12.0)	7,969	(11.0)	7,451	(19.2)	1,098	2.8	34,183	(10.4)
F-84	4,918	(17.9)	9,882	(15.3)	6,877	(13.7)	6,659	(10.6)	1,134	3.3	29,470	(15.8)
Class Enroll.												
F-81	18,862	(2.9)	33,339	14.6	28,493	(3.2)	18,233	17.4	3,955	(3.2)	102,872	5.5
F-82	15,693	(16.8)	35,471	6.4	24,323	(14.6)	17,617	(3.4)	3,095	(21.7)	96,199	(6.5)
F-83	14,138	(9.9)	30,354	(14.4)	21,004	(13.6)	10,139	(42.4)	3,274	5.5	78,909	(18.0)
F-84	12,022	(15.0)	25,220	(16.9)	17,502	(16.7)	9,884	(2.5)	2,865	(12.4)	67,493	(14.5)

At Census Week 1 (the fourth week of instruction), class enrollment declined 14.5% from Fall 1983 to Fall 1984. Headcount and class enrollment declined for all the colleges with the exception of Feather River College. FRC had a 3.3% increase in headcount enrollment, but a 12.4% decrease in class enrollment. The sharpest decline in headcount enrollment was at College of Alameda where there was a 17.9% decrease from Fall 1983 to Fall 1984. The sharpest decline in class enrollment occurred at Laney College where there was a 16.9% decrease.

The decline in enrollment may have been a result of a number of factors. These factors include:

1. The local and statewide negative publicity received by community colleges;

2. The continued imposition of the late withdrawal fee;

3. The imposition of the community college fee;

4. The improvement in the job market which might have encouraged many potential students to forego college for employment;

5. The decline in Peralta's market share of young high school graduates due to competition from other colleges, the military, proprietary schools, employers and community based training programs.

All of the above factos may have influenced the decline in headcounts and class enrollments. To offset the affect of these factors, Peralta must engage in an effective recruitment and outreach program designed to bring new students to the Peralta Colleges, and must increase its efforts to retain current students.

TABLE 2
COMPARISON BY COLLEGE OF STUDENT RETENTION
FALL 1981 - FALL 1984

COLLEGE	CW1 ADJUSTED ENROLLMENT		SUCCESSFUL RETENTION			TOTAL RETENTION		
	N	% of District	N	%	% of District	N	%	% of District
COA								
F-81	18,862	18.33	12,301	65.2	19.74	13,802	73.2	19.11
F-82	15,693	16.31	10,292	65.6	17.00	11,544	73.6	16.63
F-83	14,138	17.92	10,169	71.9	18.65	11,267	79.7	18.09
F-84	12,022	17.81	8,538	71.0	17.94	9,738	81.0	17.78
FRC								
F-81	3,955	3.84	2,632	66.6	4.22	3,233	81.7	4.48
F-82	3,095	3.22	2,028	65.5	3.35	2,462	79.6	3.55
F-83	3,274	4.15	2,132	65.1	3.91	2,795	85.4	4.49
F-84	2,865	4.24	2,062	72.0	4.33	2,543	88.8	4.64
Laney								
F-81	33,339	32.41	20,284	60.8	32.55	22,677	68.0	31.39
F-82	35,471	36.87	22,362	63.0	36.94	24,837	70.0	35.77
F-83	30,354	38.47	20,862	68.7	38.27	23,391	77.1	37.55
F-84	25,220	37.37	17,991	71.3	37.80	19,994	79.1	36.50
Merritt								
F-81	28,493	27.69	16,601	58.3	26.64	20,264	71.1	28.05
F-82	24,323	25.28	15,028	61.8	24.82	17,793	73.2	25.63
F-83	21,004	26.62	14,127	67.3	25.91	16,625	79.2	26.69
F-84	17,502	25.93	12,079	69.0	25.38	14,231	81.3	25.98
Vista								
F-81	18,233	17.72	10,490	57.5	16.84	12,256	67.2	16.97
F-82	17,617	18.31	10,828	61.5	17.89	12,800	72.7	18.43
F-83	10,139	12.85	7,225	71.3	13.25	8,212	81.0	13.18
F-84	9,884	14.64	6,920	70.0	14.54	8,276	83.7	15.11
District								
F-81	102,882	100.00	62,308	60.7	100.00	72,232	70.2	100.00
F-82	96,199	100.00	60,538	62.9	100.00	69,436	72.2	100.00
F-83	78,908	100.00	54,515	69.1	100.00	62,290	78.9	100.00
F-84	67,493	100.00	47,590	70.5	100.00	54,782	81.2	100.00

Successful and Total Retention

The District's successful retention rate improved dramatically from 62.9% in Fall 1982 to 70.5% in Fall 1984. Since the publication of the Fall 1980 retention study, successful retention has improved from 58.9% (Fall 1980) to 70.5% (Fall 1984).

What is perhaps most striking in assessing the retention data for the Fall 1984 term was that each college in the District has made substantial improvement in their retention rates over the past year, and that all five of the District colleges have retention rates that are very similar. Each college is at approximately 70% for the rate of successful retention and 81% for the rate of total retention. For the Fall 1984 term it was Feather River College that distinguished itself with the highest retention rates of 72% for successful retention and 88.8% for total retention.

The increase in retention last fall may have been due to several reasons. Students who enrolled in spite of factors influencing them to do otherwise were perhaps more committed to complete the classes in which they enrolled. The existence of the $10 drop fee and the enrollment fee might have been another reason for an increase in retention. To avoid paying the drop fee, many students may have dropped classes before CWI or remained in courses after the last day to drop without paying the fee. Either action would have influenced an increase in retention rates.

The influence of the quarter versus the semester term on retention rates has been discussed in other reports. It has been suggested that College of Alameda's retention rates were higher due to the shorter length of the quarter term and the conclusion of the term before Christmas. In previous years the evidence has generally supported this hypothesis, but for Fall 1984 the retention rates for the College of Alameda are about the same as other colleges in the District. COA's rate of successful retention is .5% above the District as a whole while its rate of total retention is .2% below the District rate.

Given the retention rates for all five District colleges have improved, and the College of Alameda is no longer setting the high standards for retention rates, it can no longer be argued that the quarter term is more effective than the semester term in generating higher retention rates. And since there are added costs associated with the quarter system, this finding suggests examination be made of the influence of the term type on retention and enrollment.

TABLE 3
RANK ORDER BY PERCENTAGE OF CLASS* ENROLLMENT
FALL 1984

COA	%	LANEY	%	MERRITT	%	VISTA	%	FRC	%
Phys. Ed.	14.2	Phys. Ed.	13.4	English	9.0	Bus. & Comm.	23.0	Phys. Ed.	22.7
English	12.6	English	11.0	Phys. Ed.	8.9	English	11.0	English	10.8
Mathematics	10.6	Business	9.7	Business	8.6	Bus. & Mgmt.	10.5	Business	12.3
Business	8.0	Mathematics	7.7	Mathematics	8.3	Art	10.5	Math	9.9
Apparel Des. & Merchand.	5.0	Art	3.3	Data Process.	5.8	Psychology	7.3	Art	6.3

*CW1 Adjusted Class Enrollment

Physical education, English, business and mathematics remain as the disciplines with the highest demand by students throughout the Peralta Community College District. As in previous years these disciplines may require some staffing considerations as faculty in these disciplines opt for full retirement or the District's early retirement program. In addition, it may be helpful to review course scheduling patterns in these high-demand disciplines to ensure classes will be available to students who desire to enroll in them.

TABLE 4
RANK ORDER OF HIGH "SUCCESSFUL RETENTION" RATES
FIVE OR MORE SECTIONS
FALL 1984

COA	%	LANEY	%	MERRITT	%	VISTA	%	FRC	%
Upholstery	96.2	Health Educ.	94.7	Env. Health Technol.	99.4	Health Educ.	99.0	Indust. Tech.	86.1
Aviat. Main.	85.0	Chinese	91.1	Rad. Tech.	94.9	Drama	97.4	Biology	83.0
Phys. Ed.	82.6	Speech	90.0	Apprentice.	93.6	Music	90.6	Phys. Ed.	75.1
Poli. Sci.	81.4	Carpentry	89.7	Nursing	92.0	Phys. Ed.	86.7	Forestry	72.9
Dental Asst.	80.6	Food Prep. and Serv.	88.7	French	91.3	Psychology	86.4	Health Ed.	71.0

TABLE 5
RANK ORDER OF LOW "SUCCESSFUL RETENTION" RATES
FIVE OR MORE SECTIONS
FALL 1983

COA	%	LANEY	%	MERRITT	%	VISTA	%	FRC	%
Mathematics	57.4	French	34.4	Spanish	42.4	Business & and Comm.	45.5	Psychology	58.6
Business	57.6	Business	51.9	History	46.4	Mathematics	60.7	Mathematics	59.7
Med. Asst.	58.6	Photography	55.0	Data Proc.	54.2	ASL	61.6	Business	65.8
Chemistry	62.0	Spanish	58.9	Biology	57.4	Bus. & Mgmt.	61.7	Art	69.3
Biology	62.7	Data Proc.	59.3	Administ. of Justice	58.7	Family & Cons. Stud.	62.1	History	69.8

Mathematics and business disciplines continue to remain among the lowest five disciplines in successful retention rates throughout the District. Business disciplines were among the lowest five disciplines in successful retention rates at four of the five District colleges, while mathematics was among the lowest five disciplines at three of the District colleges. Both disciplines, however, have among the highest class enrollment totals in the District. The business discipline has the highest total enrollment at 13.5% of the District's total enrollment, and mathematics has the fourth highest total enrollment at 7.6% of the District's total enrollment. Because of the high demand for classes in these two disciplines, and the fact that they both have low rates of successful retention, improvement in the successful retention rate in these disciplines could substantially improve the District's retention rate.

TABLE 6
RANK ORDER OF HIGH TOTAL
ENROLLMENT AND RETENTION RATES
FIVE OR MORE SECTIONS
FALL 1983 AND FALL 1984

DISCIPLINE	FALL 1983 (CW1 ADJUSTED) TOTAL ENROLLED		FALL 1983 SUCCESSFUL RETENTION		FALL 1983 TOTAL RETENTION		FALL 1984 CW1 ADJUSTED TOTAL ENROLLED		FALL 1984 SUCCESSFUL RETENTION		FALL 1984 TOTAL RETENTION	
	N	%	N	%	N	%	N	%	N	%	N	%
Business **	10,056	12.74	5,467	54.37	7,015	69.76	9,100	13.48	5,057	55.57	6,661	73.20
P.E.	9,727	12.33	7,931	81.54	8,586	88.27	7,659	11.35	6,297	82.22	6,699	87.47
English	8,397	10.64	5,715	68.06	6,511	77.54	7,265	10.76	5,188	71.41	5,756	79.23
Mathemat.	5,947	7.54	3,266	54.92	4,143	69.67	5,125	7.59	3,032	59.16	3,846	75.04
Art	3,126	3.96	2,320	74.22	2,620	83.81	2,792	4.14	2,069	74.10	2,419	86.64
Psychol.	2,551	3.23	1,801	70.60	2,010	78.79	2,264	3.35	1,695	74.87	1,894	83.66
DISTRICT TOTALS	78,909	100.00	54,515	69.09	92,290	78.94	67,493	100.00	47,590	70.51	54,782	81.17

** The Business discipline included courses in the Business Department at all colleges, as well as the Business and Commerce and Business Management disciplines at Vista College, and Office Education at College of Alameda.

Occupational training programs continue to constitute a high proportion of the disciplines with the most successful retention rates. In past years it was suggested that close student/teacher contact prompted higher retention rates. This explanation still is applicable. In addition, students in training programs may have more realistic and clearer occupational goals than the majority of other Peralta students. However, all occupational programs do not have above average successful retention rates. In particular, business and data processing have below average successful retention rates at all colleges where those disciplines exist. These disciplines have experienced dramatic increases in student demand which has caused class sizes to escalate. Larger classes have been a condition associated with lower retention.

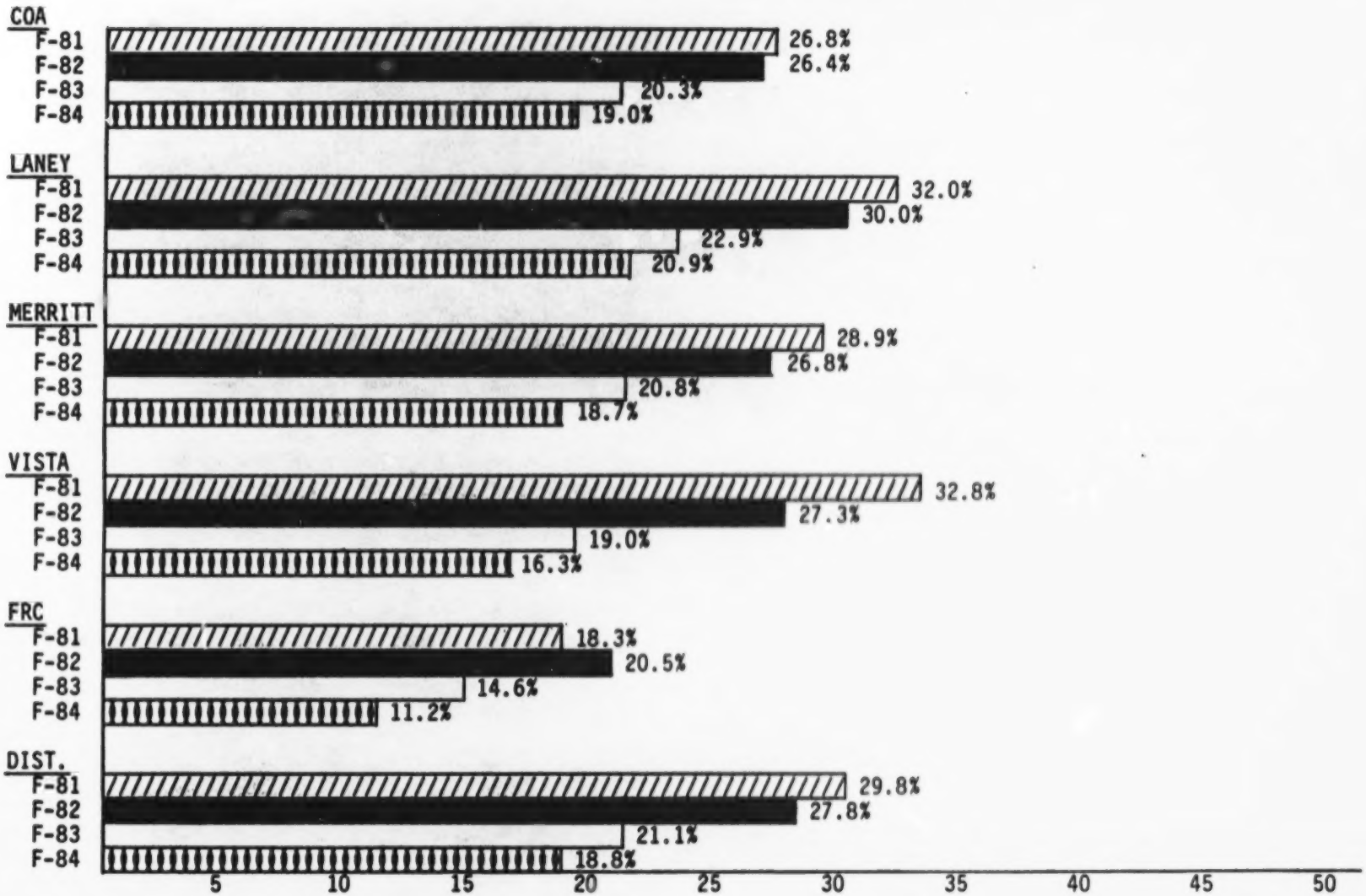
In comparing the retention rates of the disciplines with the highest enrollment rates throughout the District, a few issues should be noted. First, it is well known that both the business and mathematics disciplines attract a large number of students, and that they have difficulty retaining those students. This situation has been noted in the retention studies of previous years, and usually with the recommendation that in order to improve the retention rate of the District as a whole, an effort be made to address the problems of low successful retention rates in the business and mathematics disciplines. However, in comparing of the retention rates between Fall 1983 and Fall 1984 we can see that there has been substantial improvement of 3.4% for the total retention rates in the business discipline and increases in the mathematics discipline of 4.9% for successful retention and 5.4% for total retention. Moreover, these improvements are higher than the improvements for the District as a whole. Between Fall 1983 and Fall 1984 there was a 1.4% increase in the successful retention rate and a 2.2% increase in the total retention rate for the District overall. This suggests that the business and mathematics disciplines have made siginificant contributions toward improving the District's retention rates, even though further improvement is in order.

The grade distribution has remained largely unchanged from Fall 1983 to Fall 1984. The only changes are to be found in the "withdrawal" and "credit" grades, where there was a 2% decrease in "W" grades and a 2% increase in "CR" grades.

TABLE 7
DISTRIBUTION OF GRADES BY COLLEGE
FALL 1981 THROUGH FALL 1984

COLLEGE	ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
COA											
F-81	17,394	29%	20%	13%	3%	5%	1%	21%	2%	5%	1%
F-82	14,850	29%	18%	13%	3%	5%	1%	23%	1%	6%	1%
F-83	13,691	31%	20%	14%	5%	8%	2%	13%	1%	4%	2%
F-84	12,022	32%	20%	14%	7%	7%	2%	15%	1%	5%	0%
LANEY											
F-81	30,674	27%	18%	14%	5%	6%	1%	16%	0%	2%	0%
F-82	34,288	27%	17%	14%	5%	5%	1%	28%	0%	2%	1%
F-83	30,163	30%	18%	15%	6%	6%	1%	23%	0%	0%	1%
F-84	25,220	29%	20%	16%	6%	6%	1%	20%	0%	1%	1%
MERRITT											
F-81	26,321	20%	17%	13%	5%	8%	3%	23%	3%	8%	0%
F-82	23,274	19%	17%	14%	5%	7%	3%	24%	1%	9%	1%
F-83	20,764	21%	18%	14%	5%	8%	3%	20%	1%	10%	0%
F-84	17,502	22%	19%	14%	4%	8%	3%	16%	3%	11%	0%
VISTA											
F-81	16,783	16%	6%	3%	1%	0%	1%	27%	9%	37%	0%
F-82	16,421	16%	8%	3%	0%	1%	2%	22%	9%	39%	0%
F-83	10,044	18%	11%	7%	1%	2%	1%	18%	7%	35%	0%
F-84	9,884	15%	10%	6%	1%	2%	0%	14%	12%	40%	0%
FRC											
F-81	3,841	27%	15%	8%	2%	5%	1%	16%	8%	18%	0%
F-82	2,993	30%	14%	10%	2%	5%	2%	17%	8%	11%	1%
F-83	3,316	26%	14%	8%	2%	4%	1%	16%	11%	15%	3%
F-84	2,865	30%	13%	9%	3%	3%	0%	12%	13%	17%	0%
DISTRICT											
F-81	95,013	24%	16%	11%	4%	5%	2%	24%	3%	11%	0%
F-82	91,826	24%	15%	11%	4%	5%	2%	24%	3%	11%	1%
F-83	77,978	26%	18%	13%	5%	6%	2%	19%	2%	9%	1%
F-84	67,493	26%	18%	13%	5%	5%	2%	17%	3%	11%	1%

TABLE 8
COMPARISON BY COLLEGE OF THE CHANGE IN ATTRITION RATES



Attrition rates have continued to decrease since the fall of 1981 to the fall of 1984. The drop in attrition rates appeared to be linked to the decline in enrollment and possibly to the positive incentive of the fees. Additionally, with fewer students at each of the colleges, class sizes have been smaller, and this may tend to influence students to remain in courses. Thus, both the drop fee and fewer students per class may have contributed to the decrease in the attrition rates.

Summary

Districtwide headcount enrollment and class enrollment continued the decline which began in Fall 1982. In Fall 1984 every college experienced a decline in class enrollment -- the first year that this occurred for all the colleges. There was, however, a slight increase of 3.3% in the headcount enrollment for Feather River College; but, all the other colleges have witnessed substantial decreases in their headcount enrollment.

To a limited extent the higher retention rates for the District have reduced the impact of lower class and headcount enrollment on the District ADA. Improvements have been made in raising the retention rates in those disciplines that have traditionally faced difficulties in retaining students, such as business and mathematics. It is now clear that improvements can be made in disciplines that have greater difficulty in retaining students, and these efforts should be directed toward reducing the rate of attrition and increasing the rate of successful retention.

A recommendation in the Fall 1983 retention study was that pre-registration counseling and student assessment should have a positive influence on student retention. Given the presence of an increasingly more diverse student population the development of new retention strategies may be appropriate. Toward this end, it is suggested that management, counselors and instructors share the responsibility for developing methods and practices to improve student retention.

A final note will be made to reemphasize an issue raised in the previous year's retention study. It is obvious that the issue of student retention is a complex and dynamic one. The need for further study of the many different aspects of retention is quite apparent. It is strongly suggested that studies be initiated at both the faculty and administrative levels. The different perspectives offered by each segment would improve our understanding of this complex issue. Therefore, faculty and administrators who share concern about student retention should begin to examine this issue either independently or conjointly.

APPENDIX 1

PERALTA COMMUNITY COLLEGE DISTRICT
Office of Institutional Analysis

MEMORANDUM TO RECORD

DISTRICT INSTITUTIONAL ANALYSIS UNIT
Tuesday, February 10, 1981 - 10 a.m.
District Office

PRESENT: Remo Arancio, Laura Klein, Helen Steinmetz, McKinley Williams

VISITOR: Sagbondia Orobo-Osagie, U.C. Graduate Intern

1. Retention Study

The final details of the district-wide retention study were discussed. The method to compute retention should be employed uniformly by all members. It was agreed the method should entail the following steps.

1. Establish a total enrollment figure for each discipline by first calculating class enrollment at CW1. To do this the Tabulation of Withdrawals Report should be used - compute CW1 enrollment by taking the initial enrollment and adding to it all students who enrolled before CW1. Subtract from that total all students who drop ("W's" on the Tabulation Report) before CW1. This gives you the CW1 enrollment figure.

2. Add to the CW1 enrollment all students entering courses after CW1 until the end of the semester. The result of this computation should yield the total class enrollment to be used as the denominator in the retention equations.

3. "Successful Retention" - From the Grade Distribution Report, you should sum the number of A, B, C, D and CR grades for each discipline and for the college. Divide these sums by the total enrollment in each discipline. The result will be the percent of students who "successfully" completed the course.

4. "Total Retention" - Again using the Grade Distribution Report, take the "enrollment" figure listed immediately following the class title, and subtract from that number the total number of "W's" listed for that discipline on the Grade Report. Divide the result by the total class enrollment figure discussed earlier. This operation should yield the percent of students remaining in classes at the end of the term.

-14-

The format for presenting your college's information is outlined below. Please remember the analysis is by discipline, so include all the same for your college.

FORMAT EXAMPLE

Discipline	Total Enrolled		Successful Retention		Total Retention	
	N	%	N	%	N	%
Biology	1,500	18.3	700	46.6	800	53.3
Business	1,600	19.5	500	31.3	600	37.5
Chemistry	2,100	25.6	800	38.1	950	45.2
English	3,000	36.6	1,000	33.3	1,200	40.0
COLLEGE TOTALS	8,200		3,000	36.6	3,550	43.3

The reports necessary for this analysis should be requested through your registrar's office. You can request directly, however, the response may not be as immediate. Due date is February 27th. If you have difficulty receiving reports, please let me know.

II. Transfer Students

If any one on your campus has information concerning students who have transferred to four year institutions or vice versa, please inform me. The Vice Chancellor of Educational Services is interested in gathering information on these students. Have campus personnel at your facility expended any efforts to gather such data? If so, please indicate those individuals, reports, etc.

III. Graduate Students

A copy of questionnaire for collecting data on students who receive the AA or AS degrees was distributed. It was asked that you respond by expressing your opinions regarding questions to be deleted, added, modified, etc. This questionnaire will be revised and used to develop a profile on students who graduate from Peralta College.

IV. Next Meeing

March 9, 1981, 10 a.m. at the District Office.

Per the request of members in attendance at the last meeting, attached to the memorandum you will find the Analysis Of the Schedule report.

MKW:leg

APPENDIX 2

RETENTION BY DISCIPLINE
COLLEGE OF ALAMEDA
FALL 1984

DISCIPLINE	(CW1 ADJUSTED) TOTAL ENROLLED		SUCCESSFUL RETENTION		TOTAL RETENTION	
	N	%	N	%	N	%
Apparel Des. & Merchandising	602	5.01	394	65.45	500	83.06
Auto Body and Paint	105	.87	74	70.48	88	83.81
Auto Mechanics	416	3.46	335	80.53	374	89.90
Anthropology	85	.71	64	75.29	76	89.41
Art	246	2.05	195	79.27	212	86.18
Aviation Maintenance	153	1.27	130	84.97	138	90.20
Aviation Operation	62	.52	22	35.48	32	51.61
Biology	378	3.14	237	62.70	307	81.22
Business	964	8.02	555	57.57	654	67.84
Chemistry	71	.59	44	61.97	54	76.06
Cooperative Education	343	2.85	230	67.06	280	81.63
Dance	234	1.95	150	64.10	159	67.95
Dental Assisting	160	1.33	129	80.63	146	91.25
Diesel Mechanics	128	1.06	101	78.91	104	81.25
Drama	59	.49	43	72.88	43	72.88
Economics	190	1.58	123	64.74	146	76.84
English	1510	12.56	1133	75.03	1249	82.72
French	88	.73	54	61.36	68	77.27
General Studies	322	2.68	242	75.16	276	85.71
Geography	46	.38	35	76.09	38	82.61
History	362	3.01	261	72.10	319	88.12
Health Education	48	.40	40	83.33	40	83.33
Humanities	61	.51	47	77.05	48	78.69
Mathematics	1278	10.63	734	57.43	929	72.69
Medical Assisting	111	.92	65	58.56	78	70.27
Music	81	.67	51	62.96	65	80.25
Nautical Science	32	.27	19	59.38	19	59.38
Office Education	519	4.32	343	66.09	419	80.73
Physical Education	1701	14.15	1405	82.60	1466	86.18
Philosophy	47	.39	33	70.21	38	80.85
Physics	23	.19	15	65.22	16	69.57
Political Science	231	1.92	188	81.39	201	87.01
Psychology	467	3.88	337	72.16	387	82.87
Sociology	69	.57	46	66.67	56	81.16
Social Science	15	.12	6	40.00	8	53.33
Spanish	134	1.11	100	74.63	115	85.82
Special Education	479	3.98	387	80.79	405	84.55
Speech	110	.91	82	74.55	96	87.27
Upholstery	78	.65	75	96.15	75	96.15
Urban Studies	14	.12	14	100.00	14	100.00
TOTALS	12022	100.00	8538	71.02	9738	81.00

PERALTA COMMUNITY COLLEGE DISTRICT
Office of Research, Planning and Development

RETENTION BY DISCIPLINE
FEATHER RIVER COLLEGE
FALL 1984

DISCIPLINE	(CW1 ADJUSTED) TOTAL ENROLLED		SUCCESSFUL RETENTION		TOTAL RETENTION	
	N	%	N	%	N	%
Administration of Justice	31	1.08	26	83.87	26	83.87
Agriculture	52	1.82	31	59.62	43	82.69
Anthopology	13	.45	5	38.46	9	69.23
Art	179	6.25	124	69.27	151	84.36
Biology	159	5.55	132	83.02	142	89.31
Business	351	12.25	231	65.81	299	85.19
Chemistry	25	.87	17	68.00	19	76.00
Child Development	44	1.54	34	77.27	40	90.91
Drama	35	1.22	31	88.57	31	88.57
English	308	10.75	223	72.40	282	91.56
Forestry	70	2.44	51	72.86	57	81.43
French	20	.70	10	50.00	18	90.00
Geology	4	.14	4	100.00	4	100.00
History	119	4.15	83	69.75	108	90.76
Health Education	107	3.73	76	71.03	98	91.59
Industrial Technology	129	4.50	111	86.05	121	93.80
Mathematics	283	9.88	169	59.72	238	84.10
Music	45	1.57	44	97.78	44	97.78
Physical Education	651	22.72	489	75.12	609	93.55
Political Science	42	1.47	33	78.57	40	95.24
Psychology	70	2.44	41	58.57	52	74.29
Recreation Leadership	26	.91	22	84.62	24	92.31
Sociology	18	.63	14	77.78	16	88.89
Spanish	23	.80	13	56.52	17	73.91
Work Experience	26	.91	19	73.08	22	84.62
Wildlife Technology	35	1.22	29	82.86	33	94.29
TOTALS	2865	100.00	2062	71.97	2543	88.76

RETENTION BY DISCIPLINE
LANEY COLLEGE
FALL 1984

DISCIPLINE	(CWl ADJUSTED) TOTAL ENROLLED		SUCCESSFUL RETENTION		TOTAL RETENTION	
	N	%	N	%	N	%
Air Cond./Refrigeration	238	.94	187	78.57	202	84.87
Architectural & Engin. Tech.	412	1.63	260	63.11	311	75.49
Anthropology	261	1.03	176	67.43	237	90.80
Apprenticeship	342	1.36	270	78.95	272	79.53
Art	842	3.34	597	70.90	668	79.33
Asian Studies	69	.27	59	85.51	62	89.86
Banking and Finance	158	.63	154	97.47	154	97.47
Biology	757	3.00	517	68.30	590	77.94
Black Studies	206	.82	146	70.87	154	74.76
Business	2451	9.72	1272	51.90	1691	68.99
Carpentry	175	.69	157	89.71	161	92.00
Community Classes/Var. Loc.	142	.56	141	99.30	141	99.30
Chemistry	362	1.44	218	60.22	238	65.75
Chinese	202	.80	184	91.09	186	92.08
Construction Technology	62	.25	50	80.65	50	80.65
Cooperative Education	444	1.76	326	73.42	340	76.58
Cosmetology	629	2.49	504	80.13	556	88.39
Data Processing	610	2.42	362	59.34	452	74.10
Economics	228	.90	163	71.49	174	76.32
Electricity/Elect. Tech.	686	2.72	497	72.45	581	84.69
Engineering	55	.22	42	76.36	45	81.82
English	2784	11.04	1857	66.70	2055	73.81
English as a Second Language	440	1.74	368	83.64	380	86.36
Fabric Care	110	.44	86	78.18	95	86.36
Food Preparation and Service	450	1.78	399	88.67	404	89.78
French	151	.60	52	34.44	86	56.95
Geography	100	.40	75	75.00	90	90.00
German	32	.13	22	68.75	27	84.38
Graphic Arts	300	1.19	223	74.33	228	76.00
Health Education	150	.59	142	94.67	142	94.67
History	409	1.62	246	60.15	277	67.73
Humanities	172	.68	144	83.72	152	88.37
Japanese	72	.29	42	58.33	44	61.11
Journalism	58	.23	38	65.52	39	67.24
Machine Shop	123	.49	102	82.93	114	92.68
Management and Supervision	195	.77	166	85.13	179	91.79
Materials Technology	61	.24	50	81.97	54	88.52
Mathematics	1934	7.67	1158	59.88	1444	74.66
Media and Communications	701	2.78	572	81.60	578	82.45
Mexican/Latin American Std.	84	.33	41	48.81	55	65.48
Music	557	2.21	364	65.35	396	71.10
Philosophy	117	.46	58	49.57	76	64.96
Physical Education	3379	13.40	2913	86.21	2938	86.95
Photography	329	1.30	181	55.02	235	71.43
Physics	135	.54	88	65.19	105	77.78
Physical Science	29	.11	25	86.21	25	86.21
Plastics Technology	37	.15	26	70.27	26	70.27
Political Science	213	.84	146	68.54	171	80.28

DISCIPLINE	(CWI ADJUSTED) TOTAL ENROLLED		SUCCESSFUL RETENTION		TOTAL RETENTION	
	N	%	N	%	N	%
Psychology	534	2.12	379	70.97	415	77.72
Quality Control	62	.25	48	77.42	58	93.55
Recreational Leadership	19	.08	19	100.00	19	100.00
Sheet Metal	60	.24	40	66.67	55	91.67
Shoe Rebuilding	36	.14	36	100.00	36	100.00
Sociology	267	1.06	187	70.04	217	81.27
Spanish	304	1.21	179	58.88	200	65.79
Speech	459	1.82	414	90.20	414	90.20
Theatre Arts	78	.31	41	52.56	47	60.26
Urban Studies	27	.11	25	92.59	25	92.59
Vocational Nursing	412	1.63	358	86.89	367	89.08
Welding Technology	257	1.02	199	77.43	215	83.66
Wood Technology	252	1.00	200	79.37	200	79.37
TOTALS	25220	100.00	17991	71.34	19948	79.10

RETENTION BY DISCIPLINE
MERRITT COLLEGE
FALL 1984

DISCIPLINE	(CW1 ADJUSTED) TOTAL ENROLLED		SUCCESSFUL RETENTION		TOTAL RETENTION	
	N	%	N	%	N	%
Administration of Justice	310	1.77	182	58.71	248	80.00
Afro-American Studies	291	1.66	178	61.17	222	76.29
Anatomy	36	.21	20	55.56	26	72.22
Anatomy/Physiology	73	.42	46	63.01	62	84.93
Anthropology	129	.74	81	62.79	105	81.40
Apprenticeship	579	3.31	542	93.61	576	99.48
Art	492	2.81	345	70.12	426	86.59
Asian Studies	59	.34	47	79.66	48	81.36
Astronomy	48	.27	28	58.33	44	91.67
Automotive Technology	41	.23	32	78.05	37	90.24
Bacteriology	42	.24	26	61.90	29	69.05
Biology	210	1.20	120	57.14	155	73.81
Business	1504	8.59	981	65.23	1174	78.06
Carpentry	41	.23	24	58.54	28	68.29
Child Development	626	3.58	440	70.29	560	89.46
Chemistry	186	1.06	112	60.22	138	74.19
Community Social Services	124	.71	91	73.39	105	84.68
Computer Electronics	806	4.61	568	70.47	657	81.51
Data Processing	1006	5.75	545	54.17	705	70.08
Drafting	44	.25	33	75.00	35	79.55
Ecology	15	.09	14	93.33	14	93.33
Economics	173	.99	127	73.41	152	87.86
Education	20	.11	13	65.00	13	65.00
Electronics Technology	46	.26	44	95.65	46	100.00
Environmental Health Tech.	312	1.78	310	99.36	312	100.00
English	1579	9.02	1088	68.90	1181	74.79
English as a Second Language	163	.93	125	76.69	136	83.44
Environmental Studies	59	.34	38	64.41	52	88.14
Family and Consumer Studies	326	1.86	220	67.48	262	80.37
Fire Science	90	.51	77	85.56	83	92.22
French	92	.53	84	91.30	84	91.30
Japanese	17	.10	11	64.71	12	70.59
Geography	38	.22	24	63.16	33	86.84
Geology	219	1.25	151	68.95	185	84.47
Government and Politics	133	.76	87	65.41	105	78.95
Health Education	55	.31	36	65.45	41	74.55
History	209	1.19	97	46.41	117	55.98
Interdisciplinary Studies	113	.65	70	61.95	82	72.57
Ironworking	39	.22	38	97.44	38	97.44
Italian	55	.31	37	67.27	37	67.27
Latin and Mex/Amer. Studies	43	.25	33	76.74	35	81.40
Labor Studies	36	.21	31	86.11	32	88.89
Landscape Horticulture	741	4.23	521	70.31	625	84.35
Legal Assistant	185	1.06	117	63.24	160	86.49
Learning Resources	35	.20	11	31.43	12	34.29
Materials Technology	30	.17	27	90.00	30	100.00
Mathematics	1457	8.32	866	59.44	1100	75.50
Music	327	1.87	218	66.67	264	80.73

DISCIPLINE	(CWI ADJUSTED) TOTAL ENROLLED		SUCCESSFUL RETENTION		TOTAL RETENTION	
	N	%	N	%	N	%
Nursing Assistant	24	.14	17	70.83	21	87.50
Nursing	263	1.50	242	92.02	254	96.58
Optometric Assistant	24	.14	20	83.33	20	83.33
Pharmacology	36	.21	15	41.67	33	91.67
Physical Education	1559	8.91	1170	75.05	1353	86.79
Philosophy	47	.27	35	74.47	39	82.98
Physics	205	1.17	134	65.37	157	76.59
Psychology	471	2.69	314	66.67	374	79.41
Radiologic Technology	176	1.01	167	94.89	170	96.59
Real Estate	698	3.99	542	77.65	598	85.67
Recreation and Leadership	86	.49	73	84.88	86	100.00
Sociology	103	.59	70	67.96	78	75.73
Spanish	118	.67	50	42.37	83	70.34
Speech	182	1.04	109	59.89	148	81.32
Welding	49	.28	41	83.67	41	83.67
Work Experience	207	1.18	124	59.90	153	73.91
TOTALS	17502	100.00	12079	69.01	14231	81.31

RETENTION BY DISCIPLINE
VISTA COLLEGE
FALL 1984

DISCIPLINE	(CWl ADJUSTED) TOTAL ENROLLED		SUCCESSFUL RETENTION		TOTAL RETENTION	
	N	%	N	%	N	%
American Sign Language	242	2.45	149	61.57	179	73.97
Anthropology	23	.23	15	65.22	18	78.26
Art	1033	10.45	808	78.22	962	93.13
Astronomy	20	.20	4	20.00	11	55.00
Biology	60	.61	29	48.33	56	93.33
Business and Commerce	2270	22.97	1033	45.51	1670	73.57
Business and Management	1041	10.53	642	61.67	754	72.43
Child Development	216	2.19	183	84.72	183	84.72
Community Social Serv.	56	.57	45	80.36	45	80.36
Drama	155	1.57	151	97.42	151	97.42
Education	50	.51	35	70.00	44	88.00
English	1084	10.97	887	81.83	989	91.24
Environmental Technology	39	.39	38	97.44	38	97.44
Ethnic Studies	14	.14	8	57.14	11	78.57
Family and Cons. Studies	145	1.47	90	62.07	139	95.86
Foreign Language	19	.19	9	47.37	14	73.68
French	125	1.26	87	69.60	96	76.80
German	34	.34	14	41.18	15	44.12
Government and Politics	119	1.20	85	71.43	111	93.28
History	415	4.20	364	87.71	404	97.35
Health Education	295	2.98	292	98.98	294	99.66
Health Occupations	30	.30	30	100.00	30	100.00
Humanities	42	.42	34	80.95	37	88.10
Italian	102	1.03	78	76.47	79	77.45
Japanese	45	.46	18	40.00	22	48.89
Job Preparation	60	.61	57	95.00	57	95.00
Journalism	19	.19	15	78.95	15	78.95
Mathematics	173	1.75	105	60.69	135	78.03
Music	330	3.34	299	90.61	302	91.52
Physical Education	369	3.73	320	86.72	333	90.24
Psychology	722	7.30	624	86.43	666	92.24
Real Estate	36	.36	14	38.89	20	55.56
Sociology	41	.41	38	92.68	40	97.56
Spanish	384	3.89	259	67.45	294	76.56
Transportation	58	.59	50	86.21	51	87.93
Waste Water Tech.	18	.18	11	61.11	11	61.11
TOTALS	9884	100.00	6920	70.01	8276	83.73

APPENDIX 3

GRADING POLICY

GRADE	GRADE POINTS	DEFINITION
A	4	Excellent
B	3	Good
C	2	Satisfactory
D	1	Passing, less than satisfactory
F	0	Failing
CR	0	Credit. At least satisfactory. Units awarded not counted in GPA (only assigned for courses with CR/NC option).
I	0	Incomplete
W	0	Withdrawal. "W" is assigned for students who withdraw officially from a class between the 4th and 14th weeks (3rd and 7th weeks for College of Alameda).
NC	0	No credit. NC means the student did not fulfill the academic requirements of the course. Only assigned for courses with CR/NC option.
IP	0	Indicates that a course extends beyond the normal end of the term, and that course work is "in progress."

GRADE DISTRIBUTION BY DEPARTMENT
COLLEGE OF ALAMEDA
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Apparel Des, & Mdsg.	576	32%	16%	10%	7%	13%	3%	13%	3%	3%	0%
Auto Mechanics	403	23%	28%	25%	7%	5%	5%	7%	0%	0%	0%
Anthropology	81	36%	18%	14%	11%	15%	0%	6%	0%	0%	0%
Art	239	38%	20%	13%	2%	6%	0%	12%	1%	8%	0%
Auto Body & Paint	107	9%	31%	23%	6%	13%	0%	18%	0%	0%	0%
Aviation Maintenance	147	11%	41%	24%	12%	6%	0%	6%	0%	0%	0%
Aviation Operations	63	8%	14%	6%	7%	14%	1%	50%	0%	0%	0%
Biology	363	27%	13%	17%	8%	17%	2%	15%	1%	0%	0%
Business	837	21%	21%	17%	7%	11%	1%	22%	0%	0%	0%
Chemistry	62	14%	23%	29%	5%	13%	3%	13%	0%	0%	0%
Cooperative Education	324	40%	19%	4%	0%	11%	2%	13%	3%	8%	0%
Dance	214	31%	15%	4%	7%	2%	0%	26%	2%	13%	0%
Dental Assisting	156	13%	17%	32%	2%	3%	0%	7%	7%	19%	0%
Diesel Mechanics	117	23%	24%	37%	3%	1%	1%	11%	0%	0%	0%
Drama	56	77%	0%	0%	0%	0%	0%	23%	0%	0%	0%
Economics	175	13%	24%	25%	8%	12%	1%	17%	0%	0%	0%
English	1,433	20%	28%	20%	6%	4%	1%	13%	2%	6%	0%
French	77	28%	20%	3%	3%	8%	6%	9%	0%	0%	0%
General Studies	313	20%	3%	3%	5%	4%	0%	12%	6%	47%	0%

GRADE DISTRIBUTION BY DEPARTMENT
COLLEGE OF ALAMEDA - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Geography	46	30%	15%	24%	7%	6%	0%	18%	0%	0%	0%
History	351	24%	29%	16%	3%	14%	3%	9%	0%	2%	0%
Health Education	42	31%	24%	23%	17%	0%	0%	5%	0%	0%	0%
Humanities	58	29%	23%	29%	0%	2%	0%	17%	0%	0%	0%
Mathematics	1,237	25%	16%	13%	5%	11%	5%	25%	0%	0%	0%
Medical Assisting	99	14%	23%	15%	13%	12%	1%	22%	0%	0%	0%
Music	79	36%	19%	6%	4%	16%	2%	17%	0%	0%	0%
Nautical Science	19	52%	27%	15%	6%	0%	0%	0%	0%	0%	0%
Office Education	596	37%	10%	4%	2%	3%	0%	30%	0%	5%	9%
Physical Education	1,593	51%	19%	10%	1%	1%	0%	8%	2%	8%	0%
Philosophy	45	29%	29%	11%	5%	6%	5%	15%	0%	0%	0%
Physics	20	20%	45%	5%	5%	0%	5%	20%	0%	0%	0%
Political Science	224	39%	19%	17%	1%	0%	5%	11%	0%	8%	0%
Psychology	433	40%	17%	15%	6%	9%	2%	11%	0%	0%	0%
Sociology	66	8%	19%	32%	11%	10%	5%	15%	0%	0%	0%
Social Sciences	12	12%	16%	17%	0%	0%	17%	33%	0%	0%	0%
Special Education	431	84%	4%	1%	0%	2%	3%	6%	0%	0%	0%
Spanish	129	60%	18%	16%	6%	8%	2%	14%	5%	0%	0%
Speech	105	27%	36%	16%	3%	8%	1%	9%	4%	0%	1%

GRADE DISTRIBUTION BY DEPARTMENT
COLLEGE OF ALAMEDA - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Upholstery	75	16%	35%	10%	1%	0%	0%	0%	0%	13%	0%
Urban Studies	14	36%	36%	21%	0%	0%	0%	0%	0%	7%	0%

GRADE DISTRIBUTION BY DEPARTMENT
FEATHER RIVER COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Agriculture	52	22%	1%	6%	0%	2%	0%	17%	22%	30%	0%
Admin. of Justice	28	42%	32%	15%	3%	0%	0%	8%	0%	0%	0%
Art	178	33%	15%	2%	3%	0%	0%	15%	15%	17%	0%
Biology	159	23%	17%	16%	8%	4%	1%	11%	1%	19%	0%
Business	341	24%	12%	10%	7%	2%	2%	13%	15%	15%	0%
Child Development	43	23%	17%	7%	0%	0%	0%	7%	14%	32%	0%
Chemistry	24	12%	21%	37%	0%	0%	0%	21%	9%	0%	0%
Drama	36	64%	9%	11%	2%	0%	0%	14%	0%	0%	0%
English	324	28%	24%	12%	2%	2%	0%	13%	15%	3%	1%
Forestry	19	26%	5%	0%	0%	0%	2%	1%	6%	4%	0%
French	69	42%	19%	6%	2%	1%	0%	17%	8%	5%	0%
Geology	4	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%
History	117	14%	15%	7%	5%	6%	0%	7%	16%	30%	0%
Health Education	107	16%	11%	3%	0%	5%	0%	9%	15%	41%	0%
Industrial Technology	130	17%	20%	10%	0%	0%	0%	7%	7%	39%	0%
Mathematics	291	26%	12%	13%	7%	4%	1%	19%	16%	0%	2%
Music	45	69%	18%	9%	0%	0%	0%	2%	0%	2%	0%
Physical Education	658	41%	2%	3%	0%	2%	0%	8%	16%	28%	0%

GRADE DISTRIBUTION BY DEPARTMENT
FEATHER RIVER COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Political Science	40	20%	42%	15%	5%	8%	7%	0%	3%	0%	0%
Psychology	70	12%	13%	11%	4%	8%	1%	26%	7%	18%	0%
Recreation Leadership	26	50%	27%	7%	0%	8%	0%	8%	0%	0%	0%
Sociology	18	56%	16%	6%	0%	0%	0%	11%	11%	0%	0%
Spanish	22	14%	13%	5%	0%	0%	0%	23%	18%	27%	0%
Work Experience	26	57%	8%	4%	4%	4%	0%	15%	8%	0%	0%
Welding Technology	35	29%	20%	14%	20%	11%	0%	6%	0%	0%	0%

GRADE DISTRIBUTION BY DEPARTMENT
LANEY COLLEGE
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Archit. & Eng. Tech.	403	23%	22%	10%	9%	9%	4%	23%	0%	0%	0%
Anthropology	261	40%	19%	7%	1%	20%	3%	10%	0%	0%	0%
Apprenticeship	324	11%	29%	21%	23%	0%	0%	16%	0%	0%	0%
Art	821	39%	23%	7%	3%	5%	2%	19%	1%	1%	0%
Asian Studies	69	41%	33%	12%	0%	0%	0%	10%	3%	0%	1%
Biology	743	28%	17%	20%	5%	7%	2%	21%	0%	0%	0%
Black Studies	204	12%	24%	20%	16%	2%	2%	24%	0%	0%	0%
Banking and Finance	161	76%	11%	9%	0%	0%	0%	4%	0%	0%	0%
Business	2,471	13%	16%	15%	7%	8%	1%	31%	0%	0%	9%
Carpentry	174	12%	15%	29%	35%	0%	2%	7%	0%	0%	0%
Commun. Classes	142	0%	0%	0%	0%	0%	1%	0%	99%	0%	
Chemistry	341	19%	21%	17%	6%	4%	1%	30%	0%	1%	1%
Chinese	199	76%	12%	2%	2%	1%	0%	7%	0%	0%	0%
Construct. Technol.	62	29%	24%	28%	0%	0%	0%	19%	0%	0%	0%
Cooperative Education	425	24%	33%	18%	2%	2%	1%	20%	0%	0%	0%
Cosmetology	621	18%	29%	23%	12%	8%	1%	9%	0%	0%	0%
Data Processing	606	29%	13%	11$	6%	14%	1%	26%	0%	0%	0%
Elect./Elect. Tech.	659	21%	27%	24%	4%	9%	2%	12%	1%	0%	0%
Economics	226	40%	19%	10%	3%	5%	0%	23%	0%	0%	0%

GRADE DISTRIBUTION BY DEPARTMENT
LANEY COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Engineering	54	22%	32%	17%	7%	6%	0%	16%	0%	0%	0%
English	2,785	20%	23%	15%	8%	6%	1%	26%	0%	1%	0%
ESL	408	20%	30%	22%	10%	3%	0%	7%	0%	8%	0%
Fabric Care	110	17%	37%	24%	0%	9%	0%	13%	0%	0%	0%
Food Prep. & Serv.	447	24%	35%	27%	3%	1%	0%	10%	0%	0%	0%
French	149	15%	9%	11%	0%	19%	4%	42%	0%	0%	0%
Geography	99	12%	26%	31%	6%	15%	1%	9%	0%	0%	0%
German	32	15%	13%	28%	12%	16%	0%	16%	0%	0%	0%
Graphic Arts	290	30%	23%	18%	6%	2%	0%	21%	0%	0%	0%
History	401	15%	16%	19%	11%	6%	2%	31%	0%	0%	0%
Health Education	149	46%	23%	24%	2%	0%	0%	5%	0%	0%	0%
Humanities	171	16%	28%	23%	17%	4%	1%	11%	0%	0%	0%
Japanese	71	46%	9%	3%	1%	0%	3%	38%	0%	0%	0%
Journalism	58	33%	15%	12%	5%	0%	2%	33%	0%	0%	0%
Mex/Lat Amer. Studies	80	24%	13%	12%	2%	6%	12%	31%	0%	0%	0%
Mngmnt. & Supervision	194	26%	26%	17%	16%	6%	1%	8%	0%	0%	0%
Machine Shop	123	19%	28%	21%	15%	10%	0%	7%	0%	0%	0%
Mathematics	1,948	21%	19%	12%	7%	7%	0%	26%	0%	0%	8%

GRADE DISTRIBUTION BY DEPARTMENT
LANEY COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Materials Technology	61	16%	9%	19%	5%	7%	0%	11%	0%	33%	0%
Media & Communications	699	55%	11%	14%	2%	0%	1%	17%	0%	0%	0%
Music	542	28%	21%	13%	5%	3%	3%	27%	0%	0%	0%
Physical Education	3,351	57%	15%	11%	4%	0%	1%	12%	0%	0%	0%
Philosophy	115	11%	18%	17%	4%	12%	4%	34%	0%	0%	0%
Photography	329	12%	21%	13%	9%	12%	4%	29%	0%	0%	0%
Physics	133	21%	22%	15%	9%	9%	3%	21%	0%	0%	0%
Physical Science	29	24%	25%	24%	14%	0%	0%	13%	0%	0%	0%
Plastics Technology	37	54%	8%	0%	8%	0%	0%	30%	0%	0%	0%
Political Science	211	12%	22%	25%	10%	9%	3%	19%	0%	0%	0%
Psychology	525	24%	22%	17%	9%	6%	1%	21%	0%	0%	0%
Quality Control	62	34%	29%	13%	1%	16%	0%	7%	0%	0%	0%
Recreat. Leadership	19	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Refrigeration	235	24%	29%	16%	11%	5%	1%	14%	0%	0%	0%
Sheet Metal	60	14%	15%	33%	5%	25%	0%	8%	0%	0%	0%
Shoe Rebuilding	36	31%	50%	19%	0%	0%	0%	0%	0%	0%	0%
Sociology	262	15%	22%	23%	11%	10%	1%	18%	0%	0%	0%
Spanish	296	24%	17%	13%	7%	6%	1%	32%	0%	0%	0%

GRADE DISTRIBUTION BY DEPARTMENT
LANEY COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Speech	459	49%	22%	19%	0%	0%	0%	10%	0%	0%	0%
Theater Arts	68	38%	14%	6%	3%	8%	0%	31%	0%	)%	0%
Urban Studies	27	15%	11%	67%	0%	0%	0%	2%	0%	0%	0%
Vocational Nursing	398	18%	32%	29%	11%	2%	0%	8%	0%	0%	0%
Wood Technology	252	27%	29%	20%	4%	0%	0%	20%	0%	0%	0%
Welding Technology	257	21%	19%	25%	12%	6%	0%	17%	0%	0%	0%

GRADE DISTRIBUTION BY DEPARTMENT
MERRITT COLLEGE
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Admin. of Justice	287	24%	17%	12%	7%	12%	7%	14%	4%	3%	0%
Afro-Amer. Studies	256	11%	21%	26%	12%	14%	3%	13%	0%	0%	0%
Anatomy	36	22%	8%	20%	5%	17%	0%	28%	0%	0%	0%
Anatomy/Physiology	71	25%	16%	21%	3%	14%	8%	13%	0%	0%	0%
Anthropology	127	17%	22%	16%	9%	14%	5%	17%	0%	0%	0%
Apprenticeship	577	2%	3%	3%	0%	0%	0%	0%	6%	86%	0%
Art	486	29%	11%	7%	1%	5%	0%	13%	11%	23%	0%
Asian-Amer. Studies	58	10%	38%	16%	8%	2%	0%	17%	0%	9%	0%
Astronomy	48	6%	25%	25%	3%	29%	4%	8%	0%	0%	0%
Automotive Tech.	39	28%	18%	18%	18%	0%	13%	5%	0%	0%	0%
Bacteriology	41	9%	22%	25%	7%	3%	4%	30%	0%	0%	0%
Biology	187	16%	12%	18%	6%	14%	3%	17%	2%	12%	0%
Business	1,483	24%	16%	18%	6%	10%	3%	21%	0%	2%	0%
Carpentry	38	0%	16%	28%	19%	3%	7%	27%	0%	0%	0%
Child Development	620	19%	14%	11%	1%	2%	7%	27%	0%	0%	0%
Chemistry	181	8%	20%	20%	8%	10%	1%	24%	3%	6%	0%
Computer Electronics	781	12%	15%	14%	5%	12%	0%	16%	0%	24%	0%
Commun. Social Services	123	24%	15%	13%	4%	4%	6%	15%	1%	18%	0%
Data Processing	954	23%	16%	13%	5%	14%	2%	26%	1%	0%	0%

GRADE DISTRIBUTION BY DEPARTMENT
MERRITT COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Drafting	41	34%	22%	22%	2%	5%	0%	15%	0%	0%	0%
Ecology	15	27%	33%	13%	20%	0%	0%	7%	0%	0%	0%
Economics	166	21%	31%	16%	9%	10%	5%	8%	0%	0%	0%
Envir. Hlth. Tech.	312	36%	53%	10%	0%	0%	1%	0%	0%	0%	0%
Education	18	11%	33%	17%	11%	0%	0%	28%	0%	0%	0%
Electronics Tech.	46	66%	19%	7%	4%	4%	0%	0%	0%	0%	0%
English	1,521	15%	22%	21%	7%	3%	1%	22%	2%	7%	0%
ESL	148	12%	19%	25%	15%	7%	0%	8%	0%	14%	0%
Environmental Stud.	54	17%	7%	4%	0%	0%	13%	4%	12%	43%	0%
Fam. & Cons. Studies	325	22%	25%	15%	6%	9%	4%	19%	0%	0%	0%
Fire Science	90	30%	38%	7%	11%	1%	3%	8%	2%	0%	0%
Foreign Language	17	12%	11%	18%	12%	0%	0%	29%	6%	12%	0%
French	92	40%	35%	17%	0%	0%	0%	8%	0%	0%	0%
Geography	38	23%	21%	16%	3%	2%	21%	14%	0%	0%	0%
Geology	207	17%	7%	4%	1%	7%	2%	11%	7%	44%	0%
Government & Politics	131	25%	21%	12%	7%	6%	4%	20%	3%	2%	0%
History	167	23%	20%	10%	4%	5%	3%	30%	4%	1%	0%
Health Education	55	16%	13%	20%	15%	3%	6%	25%	0%	2%	0%
Interdisc. Studies	111	22%	25%	13%	0%	6%	2%	26%	3%	3%	0%

GRADE DISTRIBUTION BY DEPARTMENT
MERRITT COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Ironworking	39	29%	25%	31%	13%	0%	0%	2%	0%	0%	0%
Italian	55	25%	6%	22%	9%	0%	0%	32%	0%	6%	0%
Lat/Mex Amer. Stud.	42	57%	8%	12%	2%	5%	0%	16%	0%	0%	0%
Labor Studies	36	47%	39%	0%	0%	0%	3%	11%	0%	0%	0%
Landscape Hort.	731	23%	24%	11%	2%	8%	1%	15%	5%	11%	0%
Legal Assistant	180	19%	21%	19%	6%	20%	4%	11%	0%	0%	0%
Learning Resources	14	64%	0%	0%	0%	0%	7%	14%	0%	14%	0%
Materials Technology	30	40%	46%	0%	4%	10%	0%	0%	0%	0%	0%
Mathematics	1,423	14%	19%	19%	7%	11%	5%	23%	0%	2%	0%
Music	320	35%	17%	7%	3%	8%	3%	18%	3%	6%	0%
Nurse Aide	24	21%	33%	17%	0%	0%	16%	13%	0%	0%	0%
Nursing	193	36%	33%	14%	1%	2%	3%	5%	0%	6%	0%
Optometric Assistant	23	17%	27%	34%	9%	0%	0%	13%	0%	0%	0%
Physical Education	1,567	37%	18%	9%	3%	5%	1%	14%	5%	8%	0%
Pharmacology	36	19%	12%	11%	0%	11%	39%	8%	0%	)%	0%
Philosophy	47	17%	23%	15%	8%	5%	2%	17%	2%	11%	0%
Physics	202	26%	22%	17%	1%	9%	3%	22%	0%	0%	0%
Psychology	484	13%	22%	14%	9%	7%	4%	23%	1%	7%	0%
Radiologic Tech.	176	20%	20%	9%	3%	1%	1%	3%	0%	43%	0%

GRADE DISTRIBUTION BY DEPARTMENT
MERRITT COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Recreation Service	86	46%	38%	1%	0%	0%	14%	0%	1%	0%	0%
Real Estate	689	16%	17%	10%	2%	5%	2%	13%	2$	33%	0%
Sociology	102	29%	28%	8%	2%	4%	4%	24%	0%	1%	0%
Spanish	115	8%	3%	14%	3%	7%	0%	28%	22%	15%	0%
Speech	176	26%	13%	12%	10%	19%	1%	16%	2%	1%	0%
Welding	47	32%	28%	23%	5%	0%	0%	12%	0%	0%	0%
Work Experience	205	37%	19%	4%	0%	5%	9%	26%	0%	0%	0%

GRADE DISTRIBUTION BY DEPARTMENT
VISTA COLLEGE
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
ASL	236	19%	25%	14%	4%	5%	3%	24%	5%	1%	0%
Anthropology	23	31%	4%	22%	8%	13%	0%	22%	0%	0%	0%
Art	1,028	14%	8%	3%	0%	0%	1%	6%	15%	53%	0%
Biology	60	21%	9%	8%	0%	22%	8%	7%	15%	10%	0%
Business & Commerce	2,239	8%	9%	5%	0%	2%	0%	25%	27%	24%	0%
Business & Management	867	29%	13%	9%	4%	2%	3%	13%	8%	19%	0%
Commun. Social Serv.	55	17%	12%	0%	0%	0%	0%	19%	0%	52%	0%
Drama	156	52%	0%	1%	0%	0%	0%	3%	0%	44%	0%
Education	55	0%	0%	0%	0%	0%	0%	20%	16%	64%	0%
English	1,083	13%	17%	18%	3%	1%	0%	9%	8%	31%	0%
Energy Tech.	39	41%	0%	0%	0%	0%	0%	3%	0%	56%	0%
Ethnic Studies	12	16%	34%	0%	0%	0%	0%	8%	25%	17%	0%
Family & Cons. Studies	152	0%	0%	0%	0%	0%	0%	9%	32%	59%	0%
Foreign Language	19	10%	16%	5%	0%	0%	0%	27%	26%	16%	0%
French	122	12%	4%	0%	0%	5%	0%	22%	2%	55%	0%
German	34	21%	17%	0%	0%	0%	0%	56%	3%	3%	0%
Government & Politics	119	2%	5%	11%	0%	0%	4%	7%	17%	54%	0%
History	415	9%	2%	1%	0%	0%	0%	3%	9%	76%	0%
Health Education	297	0%	0%	0%	0%	0%	0%	1%	1%	98%	0%

GRADE DISTRIBUTION BY DEPARTMENT
VISTA COLLEGE - continued
FALL 1984

DISCIPLINE	FINAL ENROLLED	A	B	C	D	F	I	W	NC	CR	IP
Health Occupations	30	70%	30%	0%	0%	0%	0%	0%	0%	0%	0%
Humanities	41	68%	5%	0%	0%	0%	0%	10%	7%	10%	0%
Italian	102	21%	6%	0%	0%	0%	0%	22%	1%	50%	0%
Job Preparation	62	0%	0%	0%	0%	0%	0%	8%	0%	42%	0%
Mathematics	173	21%	43%	6%	2%	2%	1%	22%	14%	28%	0%
Music	326	38%	21%	4%	4%	0%	0%	7%	1%	25%	0%
Child Development	205	61%	12%	3%	1%	0%	0%	10%	0%	13%	0%
Physical Education	361	3%	1%	2%	0%	0%	0%	8%	3%	83%	0%
Psychology	714	7%	4%	1%	0%	1%	0%	7%	4%	76%	0%
Real Estate	36	8%	19%	9%	3%	16%	0%	45%	0%	0%	0%
Sociology	41	7%	0%	0%	0%	0%	0%	3%	5%	85%	0%
Spanish	380	23%	19%	15%	1%	0%	1%	22%	9%	10%	0%
Transportation	58	29%	28%	14%	10%	0%	2%	12%	0%	5%	0%
Waste Water Technology	17	18%	29%	12%	6%	0%	0%	35%	0%	0%	0%

ERIC CLEARINGHOUSE
FOR JUNIOR COLLEGES
MAY 15 1986